



Chickamauga and Chattanooga National Military Park Traffic Impact Study and Subarea Transportation Plan



Evaluation criteria were based on various quantitative and qualitative measures for the alternatives analysis. General guidelines for analysis are summarized here.

Traffic Impact Study Area

Capacity - Vehicular through trips indicated by volume to capacity (v/c).

Operations - Ease of travel including travel time and delay at critical intersections.

Safety - Normalized crash rates compared against the statewide average for each roadway type.

Wayfinding - Readability, location and frequency of signage to capture roadway user attention in predominant travel patterns.

Cost - An estimate of order-of-magnitude cost relative to other proposed strategies.

Economic Impact - Potential implications for economic activity within the community.

Environmental Justice - Positive or negative impacts on areas where there are concentrations of low-income (below the poverty level) and/or minorities and accessibility and implications for those areas.

Cultural and Natural Resources - Protection, enhancement, degradation, or loss of important cultural and natural features.

Battlefield Subarea

Capacity - Vehicle through trips, volume-to-capacity within the context of Park setting road functional classification.

Operations - Ability to serve needs of various travel modes within context determined by Park setting and Park road functional classification.

Safety - Number of crashes occurring within the Park and roadway characteristics consistent with Park setting roads functional classification.

Wayfinding - Readability, location and frequency of signage to capture Battlefield Park visitor's attention.

Cultural and Natural Resources - Protection, enhancement, degradation, or loss of important cultural and natural features.

CCNMP Park Policies and Goals - Supports or conflicts with current and future General Management Plans and associated related policies and plans.

Visitor Experience - Enhances or detracts from the NPS desired visitor experience and associated interpretive programs and facilities.